 <b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b>			Attorney Docket:		Serial No.:	
			4024-4008		09/896,797	
			Applicant:			
			John Trezza			
			Filing Date:		Group Art Unit:	
			June 29, 2001		2872	
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initial	Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
<i>A</i>	4,533,833		Copeland et al.	—	—	August 6, 1985
<i>B</i>	5,266,794		Olbright et al.	—	—	November 30, 1993
<i>B</i>	5,269,453		Melton et al.	—	—	December 14, 1993
<i>B</i>	5,385,632		Goossen	<b>RECEIVED</b> <b>SEP 30 2002</b> <b>Technology Center 2600</b>		January 31, 1995
<i>B</i>	5,477,933		Nguyen			December 26, 1995
<i>B</i>	5,793,789		Ben-Michael et al.			April 11, 1998
<i>B</i>	5,814,889		Gaul	—	—	September 29, 1998
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<i>B</i>	6,048,751		D'Asaro et al.	—	—	April 11, 2000
<i>B</i>	6,172,417		Goossen	—	—	September 1995
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<i>B</i>	6,253,986		Brofman	—	—	July 3, 2001
<i>B</i>	6,283,359		Brofman	—	—	September 4, 2001
<i>B</i>	6,340,113		Avery et al.	—	—	January 22, 2002
<i>B</i>	6,343,171		Yoshimura et al.	—	—	January 29, 2002
<i>B</i>	Pub. No. US2001 /00207939		Honda	—	—	September 13, 2001
<i>B</i>	Pub. No. US2001 0038103		Nitta et al	—	—	November 8, 2001

Examiner	<i>Bells</i>	Date Considered	<i>4/12/05</i>
<b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b>	<b>Attorney Docket:</b> 4024-4008	<b>Serial No.:</b> 09/896,797
	<b>Applicant:</b> John Trezza	
	<b>Filing Date:</b> June 29, 2001	<b>Group Art Unit:</b> 2872

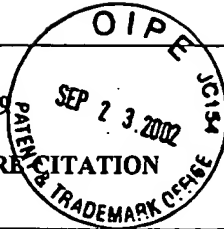
Pub. No. US2001 0081773	Inoue et al.	<b>RECEIVED</b> SEP 30 2002	June 27, 2002
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Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
						<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No

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<i>AB</i>	Ahadian, J.F., et al., "Practical OEIC's Based on the Monolithic Integration of GaAs-InGap LED's with Commercial GaAs VLSI Electronics", IEEE Journal of Quantum Electronics, Vol. 34, No. 7, pages 1117-1123, July 1998.
<i>AB</i>	Alduino, A.C. et al., "Quasi-Planar Monolithic Integration of High-Speed VCSEL and Resonant Enhanced Photodetector Arrays", IEEE Photonics Technology Letters, Vol. 11, No. 5, pages 512-514, May 1999.
<i>AB</i>	Anderson, B., "Rapid Processing And Properties Evaluation Of Flip-Chip Underfills", Dexter Electronic Materials, 9 pages.
<i>AB</i>	Corbett, B. et al., "Resonant Cavity Light Emitting Diode and Detector Using Epitaxial Liff-off", IEEE, Vol. 5, No. 9, pages 1041-1043, September 1993.
<i>AB</i>	Geib, K.M. et al., "Monolithically Integrated VCSELs and Photodetectors for Microsystem Applications", IEEE, pages 27-28, 1998.
<i>AB</i>	Goodman, J. et al., "Optical Interconnections for VLSI Systems", Proceedings of the IEEE, Vol. 72, No. 7, pages 850-865, July 1984.
<i>AB</i>	Goossen, K. W. et al., "GaAs 850 nm Modulators Solder-Bonded to Silicon", IEEE Photonics Technology Letters, Vol. 5, No. 7, July 1993.
<i>AB</i>	Goossen, K.W. et al., "GaAs MQW Modulators Integrated with Silicon CMOS", IEEE Photonics Technology Letters, Vol. 7, No. 4, pages 360-362, April 1995.
<i>AB</i>	Hibbs-Brenner, M.K., et al., "VCSEL/MSM Detector Smart Pixel Arrays", IEEE, pages 3 and 4, 1998.
<i>AB</i>	Lesser, M.P. et al., "Bump Bonded Back Illuminated CCDs", SPIE, Vol. 1656, pages 508-516, 1992.

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Ohsaki, T., "Electronic Packaging in the 1990's -A Perspective From Asia", IEEE Transactions On Components, Hybrids, And Manufacturing Technology, Vol. 14, No. 2, pages 254-261, June 1991.

Pommerrenig, D.H. et al., "Hybrid silicon focal plane development: an update", SPIE, Vol. 267, pages 23-30, 1981.

Pu, R. et al., "Comparison of Techniques for Bonding VCSELs Directly to ICs", SPIE Vol. 3490, pages 498-501, June 2005.

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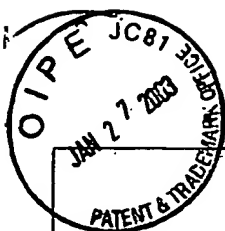
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Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
<i>[Signature]</i>	5,521,734	May 28, 1996	Frigo	—	—	December 30, 1994
<i>[Signature]</i>	5,861,968	January 19, 1999	Kerklaan et al.	—	—	September 5, 1996
<i>[Signature]</i>	5,909,294	June 1, 1999	Doerr et al.	—	—	May 16, 1997
<i>[Signature]</i>	5,912,997	June 15, 1999	Bischel et al.	—	—	June 16, 1997
<i>[Signature]</i>	5,946,130	August 31, 1999	Rice	—	—	October 3, 1997
<i>[Signature]</i>	5,991,479	November 23, 1999	Kleinerman	—	—	October 23, 1997
<i>[Signature]</i>	6,118,908	September 12, 2000	Bischel et al.	—	—	June 15, 1999
<i>[Signature]</i>	6,136,623	October 24, 2000	Hofstetter et al.	—	—	May 6, 1998
<i>[Signature]</i>	Publication No. US 2001/0030782 A1	Publication Date: October 18, 2001	Trezza	—	—	December 8, 2000
<i>[Signature]</i>	6,317,235	November 13, 2001	Hamilton	—	—	August 28, 1998
<i>[Signature]</i>	Publication No.: US 2002/0051268 A1	May 2, 2002	Tonehira et al.	—	—	February 19, 2001

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<i>[Signature]</i>	International Search Report dated November 12, 2002
<i>[Signature]</i>	International Search Report dated December 13, 2002
<i>[Signature]</i>	International Search Report dated December 17, 2002

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## INFORMATION DISCLOSURE CITATION

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Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
<i>JB</i>	6,404,542	June 11, 2002	Ziari et al.			July 10, 2000
<i>JB</i>	Publication No. US 2002/0168139 A1	November 14, 2002	Clarkson et al.			March 29, 2002

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Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
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<i>JB</i>	International Search Report dated January 30, 2003

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Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
<i>JS</i>	5,299,222	March 29, 1994	Shannon	—	—	March 11, 1992
<i>JS</i>	5,485,480	January 16, 1996	Kleinerman	—	—	March 25, 1994
<i>JS</i>	5,499,313	March 12, 1996	Kleinerman	—	—	September 13, 1994
<i>JS</i>	5,511,085	April 23, 1996	Marshall	—	—	September 2, 1994
<i>JS</i>	5,602,863	February 11, 1997	Itagaki	—	—	July 19, 1994
<i>JS</i>	5,637,885	June 10, 1997	Heinemann et al.	—	—	April 7, 1995
<i>JS</i>	5,715,270	February 3, 1998	Zediker et al.	—	—	September 27, 1996
<i>JS</i>	Publication No. US-2002/0154355 A1	October 2002	Payne et al.	—	—	August 16, 2001

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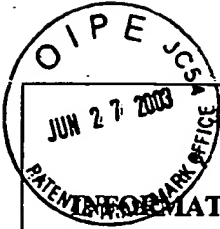

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Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
<i>B</i>	5,843,799	December 1, 1998	Hsu et al.			January 13, 1997

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Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
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## OTHER DOCUMENTS

<i>B</i>	Copy of Written Opinion for PCT/US02/20012


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 FORM PTO-1449 INFORMATION DISCLOSURE CITATION		Attorney Docket: 4024-4008		Serial No.: 09/896,797		
		Applicant: John Trezza				
		Filing Date: June 29, 2001		Group Art Unit: 2872		
U.S. PATENT DOCUMENTS						
Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
<i>B</i>	4,341,438	July 27, 1982	Seki et al.			May 28, 1980
<i>B</i>	5,877,519	March 2, 1999	Jewell			March 26, 1997
<i>B</i>	5,946,545	August 31, 1999	Bertin et al.			October 2, 1997
<i>B</i>	5,764,405	June 9, 1998	Alphonsus			October 10, 1996
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Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
<i>B</i>	EP 1022 869 A1	July 26, 2000	Europe			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<i>B</i>	EP 0 762 677 A2	March 12, 1997	Europe			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No
OTHER DOCUMENTS						
<i>B</i>	Supplementary European Search Report for EP 02 73 9971 dated June 25, 2004 (3 pages)					

Examiner <i>Bella</i>	Date Considered <i>9/12/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	





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Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
<i>BT</i>	4,481,403	November 6, 1984	Del Monte	<i>—</i>	<i>—</i>	March 4, 1983
<i>BT</i>	6,438,150	August 20, 2002	Yoo	<i>—</i>	<i>—</i>	March 9, 1999
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<i>BT</i>	6,553,044	April 22, 2003	Eden	<i>—</i>	<i>—</i>	October 20, 1998

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Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
						<input type="checkbox"/> Yes <input type="checkbox"/> No

## OTHER DOCUMENTS


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